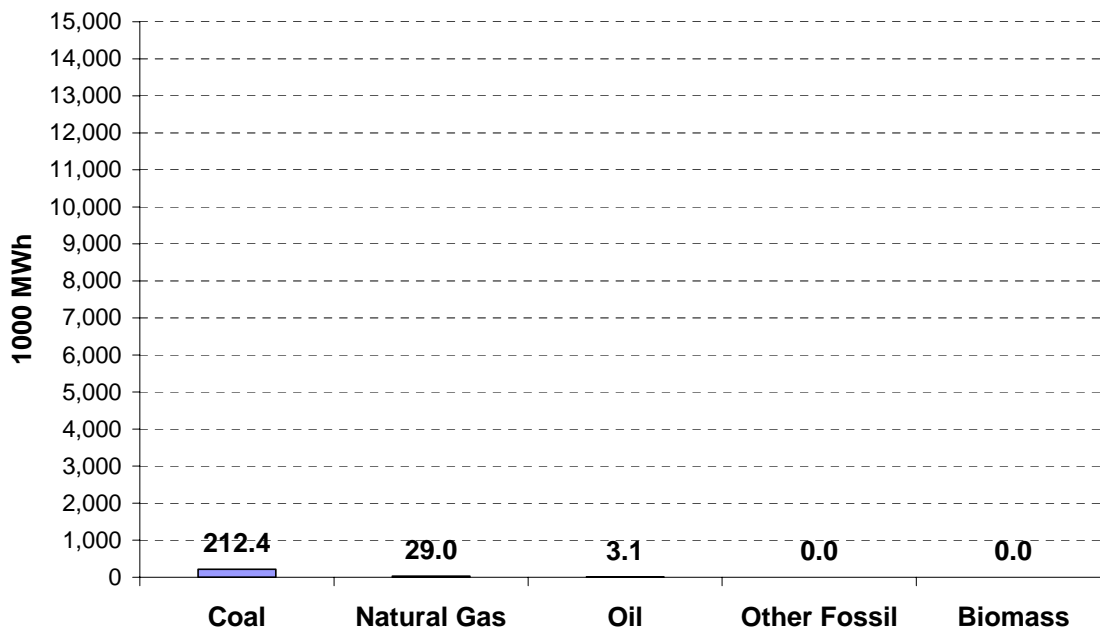




**Missouri
Department of
Natural Resources**

**Blue Valley Power Plant, City of Independence -
Power generated in 2000 from fossil fuels & biomass**



Emissions of criteria pollutants, CO₂ and Mercury – 2000

		Total emitted	Output-based rate (units per MWh)	Input-based rate (units per mmBTU)
NO _x - Annual	(Tons)	903	7.389	0.51
NO _x – May 1 to Sept. 30	(Tons)	473	6.86	0.49
Sulfur dioxide (SO ₂)	(Tons)	7,738	63.30	4.33
Carbon Dioxide (CO ₂)	(Tons)	348,507	2,851	194.89
Mercury (HG ₃)	(Pounds)	18.592	0.076	0.0052

Toxic Releases – 2001

Hazardous Air Pollutants	(Pounds)	100,890
Toxic releases – Land	(Pounds)	65,917

Data sources

- ◆ Data for hazardous air pollutants and toxic releases is taken from Missouri Department of Natural Resources (DNR) Toxic Release Inventory (TRI). For more information see:
U.S. Environmental Protection Agency (EPA) TRI home page – <http://www.epa.gov/tri/>
Missouri DNR TRI reports posted at <http://www.dnr.mo.gov/oac/bus.htm>
- ◆ Data for other emissions and generation is taken from EPA Office of Atmospheric Programs, eGRID (Emissions & Generation Resource Integrated Database) database, April 2003

Definitions

NO _x	Oxides of Nitrogen
MWh	Megawatthours (1000 kilowatthours)
mmBtu	Million British Thermal Units